

71.8% identity in 455 aa overlap

	10	20	30	40	50	60
MN.AMI	MAPLCPSPWLP LLIPAPAPGLTVQLLLSLLLMPVHPQRLPRHQEDSPLREALLGKHTHW					
NEWMN.AMI	MAPLCPSPWLP LLIPAPAPGLTVQLLLSLLLVPVHPQRLPRHQEDSPLGGGSSGEDDPL					
	10	20	30	40	50	60
	70	80	90	100	110	120
MN.AMI	ARRICPVKRIHPERRIHPERRIYLERRIYLKLMKSEEEGSLKLEDLPTVEAPG					
NEWMN.AMI	GKEDLPSEEDSPREDDPGKEEDLPGEEDLPGEEDLPVVKPKSEEEGSLKLEDLPTVEAPG					
	70	80	90	100	110	120
	130	140	150	160	170	
MN.AMI	DPQEPQNNAHRDKEGDDQSHWRYGGDPP----GPGCPQPARAASSPRWISAPSSPPSARP					
NEWMN.AMI	DPQEPQNNAHRDKEGDDQSHWRYGGDPPWPRVSPACAGRFQSPVDIR-PQLAAFCPALRP					
	130	140	150	160	170	
	180	190	200	210	220	230
MN.AMI	CAPWNSWASSRRSQNCACRQWPCATDPASWARDGSGSRAGVPALQLHLHWGAAGRPGS					
NEWMN.AMI	-LELLGFQLPPLPELRLRNNGHSVQLTLPPGLEHALGPGR-EYRALQLHLHWGAAGRPGS					
	180	190	200	210	220	230
	240	250	260	270	280	290
MN.AMI	EHTVEGHRFPAEIHVVHLSTAFARVDEALGRPGGLAVLAPFWRARRKKTVSYEQLLSRLR					
NEWMN.AMI	EHTVEGHRFPAEIHVVHLSTAFARVDEALGRPGGLAVLAAPFLEEGPRENSAYEQLLSRLR					
	240	250	260	270	280	290
	300	310	320	330	340	350
MN.AMI	EIAEEGSETQVPGLDISALLPSDFSRYFQYEGSLTTPPCAQGVWTVFNQTVHLSAKQLH					
NEWMN.AMI	EIAEEGSETQVPGLDISALLPSDFSRYFQYEGSLTTPPCAQGVWTVFNQTVHLSAKQLH					
	300	310	320	330	340	350
	360	370	380	390	400	410
MN.AMI	TLDSTLWGP GDSRLQLNFRATQPLNGRVIEASFAGVDSSPRAAEPVQLNSCLAAGDILA					
NEWMN.AMI	TLDSTLWGP GDSRLQLNFRATQPLNGRVIRASFAGVDSSPRAAEPVQLNSCLAAGDILA					
	360	370	380	390	400	410
	420	430	440	450		
MN.AMI	LVFGLLFAVTSVAFLVQHRRQHRGRTKGGVSVPSPRSRDWS					
NEWMN.AMI	LVFGLLFAVTSVAFLVQHRRQHRGRTKGGVSYPRAEVAETGA					
	420	430	440	450		